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May 14, 2008

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Laura Davis (Printed Name)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Heinz-Josef LENZ, et al.

Title:

POLYMORPHISMS FOR

PREDICTING DISEASE AND

TREATMENT OUTCOME

Appl. No.:

10/522,664

International

7/31/2003

Filing Date:

371(c) Date:

8/3/2005

Examiner:

Carla J. Myers

Art Unit:

1634

Confirmation

8635

Number:

AMENDMENT TRANSMITTAL

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents in connection with the aboveidentified application:

- [X] Amendment/Response (27 pages);
- [X] Exhibit A (12 pages);
- [X] Exhibit B (17 pages);
- [X] Exhibit C (5 pages);

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- [X] Sequence Listing (1 page);
- [X] 1 Disc containing CRF of Sequence Listing;
- [X] Statement to Support Filing and Submission in accordance with 37 C.F.R. §§ 1.821-1.825 (1 page);
- [X] Credit Card Payment Form (1 page);
- [X] Return Receipt Postcard.
- [X] The fee required for additional claims is calculated below:

| | Claims As Amended | | | | Extra | | | | |
|------------------------|-------------------------|-------|---------------|--------|--------------|-----|----------|-----|------------|
| | | | Previously | | Claims | | | | Additional |
| | | | Paid For | | Present | | Rate | | Claims Fee |
| Total Claims: | 25 | - | 20 | = | 5 | х | \$50.00 | = | \$250.00 |
| Independent Claims: | . 6 | - | · · ·3 | . = | 3 | x | \$210.00 | · = | \$630.00 |
| First p | resentation of | of ar | ny Multiple I | Depend | dent Claims: | + | \$370.00 | = | \$0.00 |
| | | | | | CLAIMS | CCC | тотат | | \$880.00 |

05/20/2008 GFREY1

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[X] Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

| [] Extension for response filed within the first month: | \$120.00 | \$0.00 |
|---|---------------|------------|
| [] Extension for response filed within the second month: | \$460.00 | \$0.00 |
| [X] Extension for response filed within the third month: | \$1,050.00 | \$1,050.00 |
| [] Extension for response filed within the fourth month: | \$1,640.00 | \$0.00 |
| [] Extension for response filed within the fifth month: | \$2,230.00 | \$0.00 |
| EXTENSION F | EE TOTAL: | \$1,050.00 |
| [·] Statutory Disclaimer Fee under 37 C.F.R. 1.20(d): | \$130.00 | \$0.00 |
| CLAIMS, EXTENSION AND DISCLAIMER F | EE TOTAL: | \$1,930.00 |
| [] Small Entity Fees Apply (subtract | ½ of above): | \$0.00 |
| Extension Fees Prev | viously Paid: | \$0.00 |
| Т | OTAL FEE: | \$1,930.00 |

A credit card payment form in the amount of \$1,930.00 is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment form being unsigned, providing incorrect information resulting in a rejected credit card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

05/20/2008 GFREY1 00000122 10522664 03 FC:1253 1050.00 OP Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date <u>May 14, 2008</u>

FOLEY & LARDNER LLP Customer Number: 38706 Telephone: (650) 251-1129

Facsimile: (650) 856-3710

Antoinette F. Konski Attorney for Applicant Registration No. 34,202

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AMENDMENT AND REPLY UNDER 37 CFR § 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Communication is responsive to the Non-Final Office Action issued November 14, 2007, by the U.S. Patent and Trademark Office in connection with the above-identified application. A response to this Action originally was due February 14, 2008. Applicants hereby Petition for a Three Month Extension of Time. In view of the filing of this Petition and payment of the fee, a response is now due May 14, 2008. Accordingly, this response is timely filed.

Amendments to the Specification begin on page 3 of this document.